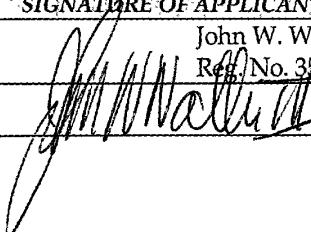
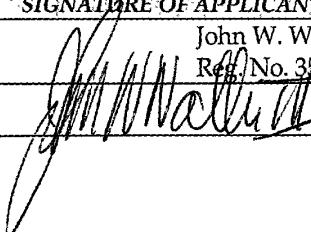
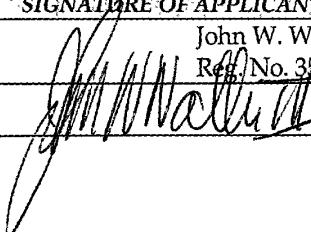


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11/10/01Please type a plus sign (+) inside this box →

UTILITY PATENT APPLICATION TRANSMITTAL <small>(only for new non-provisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. ORT-1457 First Named Inventor or Application Identifier THURMOND, Robin Express Mail No. ET666296608US								
APPLICATION ELEMENTS <small>See MPEP Chapter 600 concerning utility patent application contents.</small>		ADDRESS TO: Assistant Commissioner for Patents BOX PATENT APPLICATION Washington, DC 20231								
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (attached hereto in duplicate)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages: 52] <i>(Preferred arrangement set forth below)</i> <ul style="list-style-type: none"> - Descriptive Title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R&D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure </p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets: 5]</p> <p>4. Oath or Declaration <ul style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Unexecuted original c. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional check boxes 5 and 16)</i> </p> <p><input type="checkbox"/> Deletion of Inventor(s): Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) & 1.33(b)</p> <p>5. <input type="checkbox"/> Incorporation by Reference (useable if Box 4c is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4c, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p> <p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> Computer Readable Copy b. <input checked="" type="checkbox"/> Paper Copy (identical to computer copy) c. <input checked="" type="checkbox"/> Statement verifying identity of above copies </p> <p>ACCOMPANYING APPLICATION PARTS</p> <p>8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney</p> <p>10. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>14. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>15. <input checked="" type="checkbox"/> Other: Express Mail Certification</p> <p>16. <input type="checkbox"/> If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: Amend the specification by inserting before the first line: This is a <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-Part (CIP) of prior application No: _____, filed _____.</p> <p>17. If a DIVISIONAL APPLICATION, please cancel original Claims _____ of the prior application before calculating the filing fee.</p> <p>18. Correspondence Address: <input type="checkbox"/> Customer Number or Bar Code Label _____ or <input checked="" type="checkbox"/> Correspondence Address below: Name: Philip S. Johnson, Esq. Address: Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933-7003, USA</p> <p>19. Telephone Contact: Please direct all telephone calls or tele-faxes to John W. Wallen, III at: Telephone: (858) 784-3239 Fax: (732) 524-2808</p> <p>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 25%;">NAME</td> <td colspan="3">John W. Wallen, III, Esq. Reg. No. 35,403</td> </tr> <tr> <td>SIGNATURE</td> <td></td> <td>DATE</td> <td>8 November 2001</td> </tr> </table>			NAME	John W. Wallen, III, Esq. Reg. No. 35,403			SIGNATURE		DATE	8 November 2001
NAME	John W. Wallen, III, Esq. Reg. No. 35,403									
SIGNATURE		DATE	8 November 2001							

FEE TRANSMITTAL

Complete if Known	
Application Number	N/A
Filing Date	8 November 2001
First Named Inventor	THURMOND
Group Art Unit	N/A
Examiner Name	N/A
Attorney Docket No.	ORT-1457

FEE CALCULATION

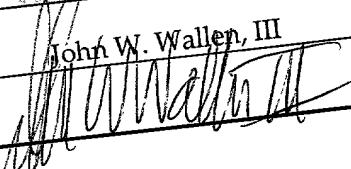
CLAIMS AS FILED

(1) FOR:	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) BASIC FEE (\$710.00)
TOTAL CLAIMS	13 - 20 =	0	X 18.00	\$ 0.00
INDEPENDENT CLAIMS	9 - 3 =	6	X 80.00	\$480.00
MULTIPLE DEPENDENT CLAIMS	□	N/A	\$270.00	
			TOTAL FEES	\$ 1190.00

METHOD OF PAYMENT

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The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the filing of this communication, or credit any overpayment, to Account No. 10-0750/ORT-1457/JWW. Three copies of this sheet are enclosed.

SUBMITTED BY:		Complete (if applicable)
Typed or Printed Name	John W. Wallen, III	Reg. No. 35,403
Signature		Deposit Account No. 10-0750
	Date: 8 Nov. 2001	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Robin THURMOND, Lars KARLSSON and Sherry BAKER

FOR: POLYNUCLEOTIDE AND POLYPEPTIDE SEQUENCES OF MONKEY
CATHEPSIN S

Date: 8 November 2001

Express Mail Certificate

"Express Mail" mailing number: ET666296608US

Date of Deposit: 8 November 2001

I hereby certify that this complete application, including specification pages, claims, informal drawings, sequence listing, Declaration and Power of Attorney (unsigned), and Sequence Listing diskette, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

John W. Wallen, III

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: THURMOND, et al.

Serial No.: N/A Art Unit: N/A

Filed: 8 November 2001 Examiner: N/A

For: **POLYNUCLEOTIDE AND POLYPEPTIDE SEQUENCES OF MONKEY
CATHEPSIN S**

Commissioner for Patents
BOX: Patent Applications
Washington, D.C. 20231

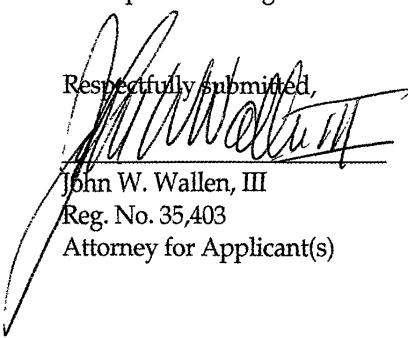
**REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Sir:

Submitted herewith is a computer readable form of the Sequence Listing with the appropriate statements that the computer readable and paper copies are the same.

The following statements are made as required by 37 C.F.R. 1.821(f): I hereby state that the information recorded in computer readable form of the Sequence Listing is identical to the written sequence listing.

Respectfully submitted,


John W. Wallen, III

Reg. No. 35,403

Attorney for Applicant(s)

Johnson & Johnson
One Johnson & Johnson Plaza
New Brunswick, NJ 08933-7003
(858) 784-3239
DATE: 8 November 2001

11/08/01
JCS82 U.S. PTO

12-10-01

A/Box Seq

Please type a plus sign (+) inside this box → PRO

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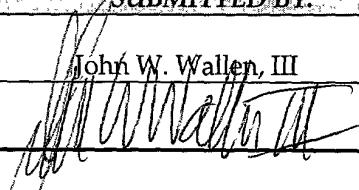
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John W. Wallen, III

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

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Applicants: THURMOND, et al.

Serial No.: N/A Art Unit: N/A

Filed: 8 November 2001 Examiner: N/A

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Commissioner for Patents
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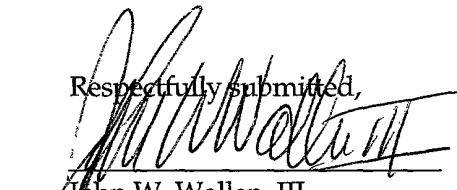
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